

EI300

Light weight, high performance power amplifier

NOT AVAILABLE IN NORTH AMERICA

features

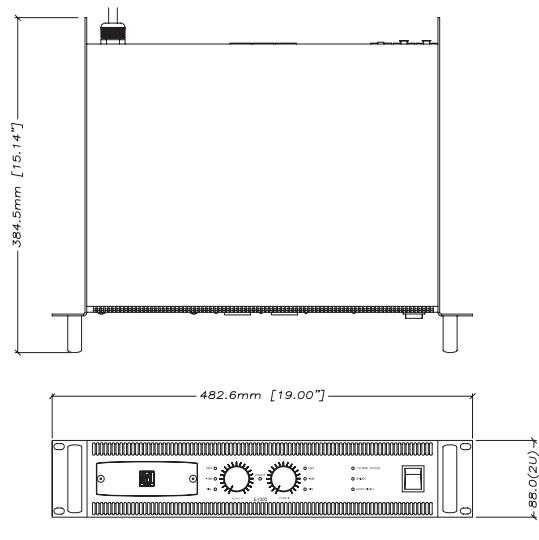
- ▶ Plug-in front panel module facility
- ▶ High frequency switching power supply
- ▶ Versatile input connections
- ▶ Dual fan 4-stage thermal control
- ▶ Advanced protection circuits
- ▶ Custom heat exchanger
- ▶ Dual die output devices

applications

- ▶ Live sound reinforcement
- ▶ Fixed installations

The EI300 features a high-frequency switching power supply, with on-board intelligent control providing very high performance in a lightweight 9.5kg, 2U package. This amplifier also has a plug-in module facility located behind an easily removable front panel section, which obviates the need for costly stand-alone dedicated controllers in many applications.

overall dimensions



technical specifications

MAX OUTPUT POWER

EIA AT 1 kHz AND 1% THD

8Ω PER CHANNEL	400 W
4Ω PER CHANNEL	720 W
2Ω PER CHANNEL	1190 W
8Ω BRIDGED	1400 W

DISTORTION

THD 20Hz – 20kHz AND 1 W TO FULL POWER 0.08%

THD AT 1kHz 1dB BELOW CLIP 0.1%

SIGNAL+NOISE/NOISE RATIO >-100dB 20Hz-20kHz

CHANNEL SEPARATION @ 10kHz >65dB

OUTPUT IMPEDANCE 22 mΩ

SLEW RATE 70 V/μs

INPUT SENSITIVITY Selectable 0.775mV (36dB gain)
or 1.23V (32dB gain)

INPUT IMPEDANCE 20 kΩ differential, 10 kΩ single ended

FREQUENCY RESPONSE 7Hz-46kHz +0dB / -3dB

FREQUENCY BANDWIDTH 10Hz-40kHz +0dB / -0.5dB

FRONT PANEL

GAIN CONTROLS 2 x Rotary Control

INDICATORS: POWER ON Red LED

INDICATORS: SIGNAL LEVEL Green LED

INDICATORS: -3dB Yellow LED

INDICATORS: LIMIT Red LED

INDICATORS: BRIDGE Yellow LED

INDICATORS: THERMAL Red LED

INDICATORS: CARD ENABLE Green LED

REAR PANEL

INPUT CONNECTORS XLR-female

LINK CONNECTOR XLR-male

OUTPUT CONNECTORS 3 x 4 pole Speakon

POWER 230V Setting 115V Setting

OPERATION VOLTAGE 180-250V 90-125V

SOFT START Yes Yes

PEAK INRUSH CURRENT 11.8A 23A

MIN START VOLTAGE 140V 70V

CURRENT DRAW AT 4Ω 230V Setting 115V Setting

QUIESCENT POWER (NO LOAD) 0.9A rms 1.8A rms

1/8 OF FULL POWER (-9dB) 4.8A rms 9.6A rms

1/3 OF FULL POWER (-5dB) 7.2A rms 14A rms

DIMENSIONS

WIDTH 483mm (19ins)

HEIGHT 88mm (3.5ins) 2U

DEPTH 385mm (15.2ins)

WEIGHT 9.5kg (20.9lbs)

Century Point, Halifax Road, Cressex Business Park,
High Wycombe, Buckinghamshire HP12 3SL, England.
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669
E-mail: info@martin-audio.com
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